

Generic Algorithms

Solutions

- Explain what is meant by the term "algorithm"
 - An algorithm is a set of steps which are followed to solve a problem
 - e.g. calculating a square root, or sorting some numbers

- What is meant by the term "generic algorithm"?
 - A generic algorithm can be used with any container type
- How does a generic algorithm differ from a member function such as `vector::find`?
 - `vector::find()` can only be used with `std::vector`

- Describe some of the advantages of using algorithms
 - They make the code clearer and simpler
 - They (probably) make the code faster and more accurate
 - Highly flexible
 - Save developer time
- If you have a choice between using a standard algorithm or writing your own code, which approach should you take?
 - Use the standard algorithm!